

WEST Search History

DATE: Tuesday, June 22, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L13	L12 same motor	2
<input type="checkbox"/>	L12	L11 same multip\$	16
<input type="checkbox"/>	L11	(speed\$ or velocit\$) same detect\$ same mov\$ same distanc\$ same count\$ same calculat\$	190
<input type="checkbox"/>	L10	L9 same control\$	35
<input type="checkbox"/>	L9	L2 same temperature	43
<input type="checkbox"/>	L8	L7 same optical	13
<input type="checkbox"/>	L7	L6 same current	46
<input type="checkbox"/>	L6	L5 same (dis\$2 or medi\$2 or carrier)	244
<input type="checkbox"/>	L5	L4 same (restric\$ or reduc\$ or constant)	1846
<input type="checkbox"/>	L4	motor same (speed\$ or velocit\$) same (detect\$ or determin\$) same rang\$	5476
<input type="checkbox"/>	L3	L2 same heat\$	7
<input type="checkbox"/>	L2	L1 same calculat\$	784
<input type="checkbox"/>	L1	motor same accelerat\$ same detect\$	5653

END OF SEARCH HISTORY

Hit List

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 6586126 B1

L3: Entry 1 of 7

File: USPT

Jul 1, 2003

US-PAT-NO: 6586126

DOCUMENT-IDENTIFIER: US 6586126 B1

TITLE: Temperature controller for fuel gas in fuel cell system

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ogawa; Takayuki	Saitama			JP
Okamoto; Hideo	Saitama			JP
Takase; Hidehiko	Saitama			JP

US-CL-CURRENT: 429/22; 429/24

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWOC	Draw Ds
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☐ 2. Document ID: US 5858142 A

L3: Entry 2 of 7

File: USPT

Jan 12, 1999

US-PAT-NO: 5858142

DOCUMENT-IDENTIFIER: US 5858142 A

TITLE: Angular orientation control system for friction welding

DATE-ISSUED: January 12, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tully; Lowell R.	Elkhart	IN		
Johnson; Stephen A.	South Bend	IN		
Konieczny; Dave	Union Mills	IN		

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Estes; Stephen R.

South Bend

IN

US-CL-CURRENT: 156/73.5; 156/580, 156/64, 228/114.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 3. Document ID: US 5431607 A

L3: Entry 3 of 7

File: USPT

Jul 11, 1995

US-PAT-NO: 5431607

DOCUMENT-IDENTIFIER: US 5431607 A

TITLE: Drive and braking arrangement for a motor vehicle

DATE-ISSUED: July 11, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Alder; Uwe	Schweinfurt			DE
Drex1; Hans-Jurgen	Schonungen/Mgb.			DE
Lutz; Dieter	Schweinfurt			DE
Nagler; Franz	Ottendorf			DE
Ochs; Martin	Schweinfurt			DE
Schiebold; Stefan	Schweinfurt			DE
Schmidt-Brucken; Hans-Joachim	Geldersheim			DE
Thieler; Wolfgang	Hassfurt			DE
Wagner; Michael	Niederwerrn			DE
Westendorf; Holger	Hambach			DE
Wychnanek; Rainer	Madenhausen			DE

US-CL-CURRENT: 477/4; 180/287, 180/65.4, 477/24, 477/27

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 4. Document ID: US 5161142 A

L3: Entry 4 of 7

File: USPT

Nov 3, 1992

US-PAT-NO: 5161142

DOCUMENT-IDENTIFIER: US 5161142 A

TITLE: Disk playing apparatus for playing CLV disks

DATE-ISSUED: November 3, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Okano; Takashi	Tokorozawa			JP

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US-CL-CURRENT: 369/47.4; 369/124.04, 369/124.11, 369/124.14, 369/53.29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 4668212 A

L3: Entry 5 of 7

File: USPT

May 26, 1987

US-PAT-NO: 4668212

DOCUMENT-IDENTIFIER: US 4668212 A

**** See image for Certificate of Correction ****

TITLE: Process for manufacturing sealed postal envelope assemblies

DATE-ISSUED: May 26, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kotani; Ryuichi	Kyoto			JP

US-CL-CURRENT: 493/216; 225/100, 493/10, 493/210, 493/421, 493/424

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 4397379 A

L3: Entry 6 of 7

File: USPT

Aug 9, 1983

US-PAT-NO: 4397379

DOCUMENT-IDENTIFIER: US 4397379 A

TITLE: Vehicle engine control

DATE-ISSUED: August 9, 1983

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Baudoin; Patrice	Bougival			FR

US-CL-CURRENT: 477/39; 192/3.58, 477/40, 477/43

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 4291594 A

L3: Entry 7 of 7

File: USPT

Sep 29, 1981

US-PAT-NO: 4291594

DOCUMENT-IDENTIFIER: US 4291594 A

TITLE: Method of vehicle engine control

DATE-ISSUED: September 29, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Baudoin; Patrice	Bougival			FR

US-CL-CURRENT: 477/39; 477/43

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	INDEX	Draw De
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Terms	Documents
L2 same heat\$	7

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Search Results - Record(s) 1 through 13 of 13 returned.

☐ 1. Document ID: US 6529456 B2

L8: Entry 1 of 13

File: USPT

Mar 4, 2003

US-PAT-NO: 6529456

DOCUMENT-IDENTIFIER: US 6529456 B2

TITLE: Disk reproducing device, a disk reproducing method, a disk rotation control method, and a regenerative clock signal generating device

DATE-ISSUED: March 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Koudo; Toshikazu	Nishinomiya			JP
Imura; Masaharu	Neyagawa			JP
Kuno; Yoshiki	Osaka			JP
Mashiko; Yasuhisa	Takatsuki			JP
Ishibashi; Hidefumi	Neyagawa			JP

US-CL-CURRENT: 369/47.48; 369/47.36

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw. De
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☐ 2. Document ID: US 6515949 B2

L8: Entry 2 of 13

File: USPT

Feb 4, 2003

US-PAT-NO: 6515949

DOCUMENT-IDENTIFIER: US 6515949 B2

TITLE: Storage apparatus

DATE-ISSUED: February 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Masaki; Takashi	Kawasaki			JP
Yanagi; Shigenori	Kawasaki			JP

US-CL-CURRENT: 369/53.11; 369/116, 369/47.1, 369/47.53, 369/53.29

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 3. Document ID: US 6445657 B2

L8: Entry 3 of 13

File: USPT

Sep 3, 2002

US-PAT-NO: 6445657

DOCUMENT-IDENTIFIER: US 6445657 B2

TITLE: Disk reproducing device, a disk reproducing method, a disk rotation control method, and a regenerative clock signal generating device

DATE-ISSUED: September 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Koudo; Toshikazu	Nishinomiya			JP
Imura; Masaharu	Neyagawa			JP
Kuno; Yoshiki	Osaka			JP
Mashiko; Yasuhisa	Takatsuki			JP
Ishibashi; Hidefumi	Neyagawa			JP

US-CL-CURRENT: 369/47.34; 369/47.45

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 4. Document ID: US 6304531 B1

L8: Entry 4 of 13

File: USPT

Oct 16, 2001

US-PAT-NO: 6304531

DOCUMENT-IDENTIFIER: US 6304531 B1

TITLE: Disk reproducing device a disk reproducing method a disk rotation control method and a regenerative clock signal generating device

DATE-ISSUED: October 16, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Koudo; Toshikazu	Nishinomiya			JP
Imura; Masaharu	Neyagawa			JP
Kuno; Yoshiki	Osaka			JP
Mashiko; Yasuhisa	Takatsuki			JP
Ishibashi; Hidefumi	Neyagawa			JP

US-CL-CURRENT: 369/47.23; 369/53.3, 369/53.34

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. D.
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☐ 5. Document ID: US 6118553 A

L8: Entry 5 of 13

File: USPT

Sep 12, 2000

US-PAT-NO: 6118553

DOCUMENT-IDENTIFIER: US 6118553 A

TITLE: Compact motor drive and active speed governor with optical encoder for scanner mechanisms

DATE-ISSUED: September 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Berg; Thomas E.	Fort Collins	CO		

US-CL-CURRENT: 358/473

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. D.
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☐ 6. Document ID: US 6069854 A

L8: Entry 6 of 13

File: USPT

May 30, 2000

US-PAT-NO: 6069854

DOCUMENT-IDENTIFIER: US 6069854 A

TITLE: Disk reproducing device, a disk reproducing method, a disk rotation control method, and a regenerative clock signal generating device

DATE-ISSUED: May 30, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Koudo; Toshikazu	Nishinomiya			JP
Imura; Masaharu	Neyagawa			JP
Kuno; Yoshiki	Osaka			JP
Mashiko; Yasuhisa	Takatsuki			JP
Ishibashi; Hidefumi	Neyagawa			JP

US-CL-CURRENT: 369/47.19; 369/47.28

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. D.
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☐ 7. Document ID: US 5986988 A

L8: Entry 7 of 13

File: USPT

Nov 16, 1999

h e b b g e e f e c e f b e

US-PAT-NO: 5986988
DOCUMENT-IDENTIFIER: US 5986988 A

TITLE: Optical disk recording method employing a plurality of recording areas and apparatus therefor

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kusano; Taizou	Fukuoka			JP
Kashiwabara; Yoshiro	Kasuga			JP
Wada; Yasuhiro	Kasuga			JP
Umeda; Keisuke	Fukuoka-ken			JP

US-CL-CURRENT: 369/47.41; 369/47.4, 369/53.29

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. D
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☐ 8. Document ID: US 5956307 A

L8: Entry 8 of 13

File: USPT

Sep 21, 1999

US-PAT-NO: 5956307
DOCUMENT-IDENTIFIER: US 5956307 A

TITLE: Device and method for reproducing data from disk, method for controlling rotation of disk, and reproduction clock generating device

DATE-ISSUED: September 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Koudo; Toshikazu	Nishinomiya			JP
Imura; Masaharu	Neyagawa			JP
Kuno; Yoshiki	Osaka			JP
Mashiko; Yasuhisa	Takatsuki			JP
Ishibashi; Hidefumi	Neyagawa			JP

US-CL-CURRENT: 369/47.43; 369/124.04, 369/124.14, 369/53.34

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. D
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☐ 9. Document ID: US 5917785 A

L8: Entry 9 of 13

File: USPT

Jun 29, 1999

US-PAT-NO: 5917785
DOCUMENT-IDENTIFIER: US 5917785 A

TITLE: Disk apparatus

DATE-ISSUED: June 29, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Masaki; Takashi	Kawasaki			JP
Yanagi; Shigenori	Kawasaki			JP
Fujiwara; Toru	Kawasaki			JP

US-CL-CURRENT: 369/44.27; 369/53.3, 369/53.37, 369/75.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 10. Document ID: US 5796697 A

L8: Entry 10 of 13

File: USPT

Aug 18, 1998

US-PAT-NO: 5796697

DOCUMENT-IDENTIFIER: US 5796697 A

**** See image for Certificate of Correction ****

TITLE: Disk apparatus

DATE-ISSUED: August 18, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Masaki; Takashi	Kawasaki			JP
Yanagi; Shigenori	Kawasaki			JP
Fujiwara; Toru	Kawasaki			JP

US-CL-CURRENT: 369/75.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 11. Document ID: US 5751676 A

L8: Entry 11 of 13

File: USPT

May 12, 1998

US-PAT-NO: 5751676

DOCUMENT-IDENTIFIER: US 5751676 A

TITLE: Optical disk recording and reproducing method and apparatus therefor

DATE-ISSUED: May 12, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kusano; Taizou	Fukuoka			JP

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Kashiwabara; Yoshiro	Kasuga	JP
Wada; Yasuhiro	Kasuga	JP
Umeda; Keisuke	Fukuoka-ken	JP

US-CL-CURRENT: 369/47.41

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KBAC	Draw De
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☐ 12. Document ID: US 5528574 A

L8: Entry 12 of 13

File: USPT

Jun 18, 1996

US-PAT-NO: 5528574

DOCUMENT-IDENTIFIER: US 5528574 A

TITLE: Disk reproducing apparatus capable of increasing speed of access to disks recorded at constant linear velocity

DATE-ISSUED: June 18, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takeuchi; Toshifumi	Yokohama			JP
Inoue; Shigeki	Fujisawa			JP
Fukushima; Akio	Yokohama			JP
Arai; Takao	Yokohama			JP
Nagai; Yutaka	Yokohama			JP

US-CL-CURRENT: 369/47.4; 369/53.29

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KBAC	Draw De
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☐ 13. Document ID: US 4430657 A

L8: Entry 13 of 13

File: USPT

Feb 7, 1984

US-PAT-NO: 4430657

DOCUMENT-IDENTIFIER: US 4430657 A

**** See image for Certificate of Correction ****

TITLE: Pen drive for recorder

DATE-ISSUED: February 7, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Scott; Larkin	Forth Worth	TX		
Muellner; William C.	LaGrange Park	IL		

US-CL-CURRENT: 346/32; 346/139R

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw. De
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Terms	Documents
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Search Results - Record(s) 1 through 35 of 35 returned.

☐ 1. Document ID: US 6748750 B2

L10: Entry 1 of 35

File: USPT

Jun 15, 2004

US-PAT-NO: 6748750

DOCUMENT-IDENTIFIER: US 6748750 B2

TITLE: Hybrid air-conditioning system and method thereof for hybrid electric vehicle

DATE-ISSUED: June 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Choi; Kwang-Yong	Seoul			KR

US-CL-CURRENT: 62/115; 62/236

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KAMC	Draw. De
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☐ 2. Document ID: US 6705420 B2

L10: Entry 2 of 35

File: USPT

Mar 16, 2004

US-PAT-NO: 6705420

DOCUMENT-IDENTIFIER: US 6705420 B2

TITLE: Steering angle ratio control system and method

DATE-ISSUED: March 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ono; Hitoshi	Kanagawa			JP
Kato; Yuusuke	Tokyo			JP

US-CL-CURRENT: 180/407; 180/402, 701/43

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KAMC	Draw. De
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☐ 3. Document ID: US 6696815 B1

L10: Entry 3 of 35

File: USPT

Feb 24, 2004

US-PAT-NO: 6696815

DOCUMENT-IDENTIFIER: US 6696815 B1

TITLE: Secondary battery control device and control method

DATE-ISSUED: February 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kikuchi; Yoshiaki	Toyota			JP

US-CL-CURRENT: 320/104; 320/148

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw D
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☐ 4. Document ID: US 6691810 B2

L10: Entry 4 of 35

File: USPT

Feb 17, 2004

US-PAT-NO: 6691810

DOCUMENT-IDENTIFIER: US 6691810 B2

TITLE: Apparatus for controlling fuel cell vehicle

DATE-ISSUED: February 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hasuka; Yoshinobu	Wako			JP
Aoyagi; Satoshi	Wako			JP
Uenodai; Asao	Wako			JP
Saeki; Hibiki	Wako			JP

US-CL-CURRENT: 180/65.3; 180/65.1, 429/22, 429/24, 701/22

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw D
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☐ 5. Document ID: US 6647959 B2

L10: Entry 5 of 35

File: USPT

Nov 18, 2003

US-PAT-NO: 6647959

DOCUMENT-IDENTIFIER: US 6647959 B2

TITLE: Fail-safe device for electronic throttle control system

DATE-ISSUED: November 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Noguchi; Takuro	Hyogo			JP

US-CL-CURRENT: 123/396; 123/399, 123/406.13, 123/479

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 6. Document ID: US 6586126 B1

L10: Entry 6 of 35

File: USPT

Jul 1, 2003

US-PAT-NO: 6586126

DOCUMENT-IDENTIFIER: US 6586126 B1

TITLE: Temperature controller for fuel gas in fuel cell system

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ogawa; Takayuki	Saitama			JP
Okamoto; Hideo	Saitama			JP
Takase; Hidehiko	Saitama			JP

US-CL-CURRENT: 429/22; 429/24

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 7. Document ID: US 6566835 B1

L10: Entry 7 of 35

File: USPT

May 20, 2003

US-PAT-NO: 6566835

DOCUMENT-IDENTIFIER: US 6566835 B1

TITLE: Nc machine tool, and method of controlling nc machine tool

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yoshida; Jun	Kanagawa			JP
Teraoka; Yoshikatsu	Kanagawa			JP

US-CL-CURRENT: 318/569; 318/575, 318/600, 318/625, 318/632

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw. D.
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☐ 8. Document ID: US 6465974 B2

L10: Entry 8 of 35

File: USPT

Oct 15, 2002

US-PAT-NO: 6465974

DOCUMENT-IDENTIFIER: US 6465974 B2

TITLE: Air intake amount control apparatus for an engine

DATE-ISSUED: October 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watanabe; Shinji	Tokyo			JP

US-CL-CURRENT: 318/254; 318/138, 318/439, 318/599

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw. D.
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☐ 9. Document ID: US 6199001 B1

L10: Entry 9 of 35

File: USPT

Mar 6, 2001

US-PAT-NO: 6199001

DOCUMENT-IDENTIFIER: US 6199001 B1

TITLE: Control system for controlling the behavior of a vehicle based on accurately detected route information

DATE-ISSUED: March 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohta; Takashi	Kita-machi			JP
Iwatsuki; Kunihiro	Aichi			JP
Fukumura; Kagenori	Aichi			JP

US-CL-CURRENT: 701/51; 701/208, 701/54, 701/55

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw. D.
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☐ 10. Document ID: US 6182000 B1

L10: Entry 10 of 35

File: USPT

Jan 30, 2001

US-PAT-NO: 6182000

DOCUMENT-IDENTIFIER: US 6182000 B1

h e b b g e e e f e c e f b e

**** See image for Certificate of Correction ****

TITLE: Control system for transmissions

DATE-ISSUED: January 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohta; Takashi	Aichi			JP
Iwatsuki; Kunihiro	Aichi			JP

US-CL-CURRENT: 701/55; 180/170, 180/179, 701/200, 701/53, 701/70, 701/95, 701/96

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 11. Document ID: US 6163135 A

L10: Entry 11 of 35

File: USPT

Dec 19, 2000

US-PAT-NO: 6163135

DOCUMENT-IDENTIFIER: US 6163135 A

TITLE: Apparatus for controlling state of charge/discharge of hybrid car and method for controlling state of charge/discharge of hybrid car

DATE-ISSUED: December 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nakayama; Yoshiyuki	Toyota			JP
Mitsui; Masahiko	Toyota			JP
Kikuchi; Yoshiaki	Toyota			JP
Tojima; Kazuo	Toyota			JP

US-CL-CURRENT: 320/150

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 12. Document ID: US 6127805 A

L10: Entry 12 of 35

File: USPT

Oct 3, 2000

US-PAT-NO: 6127805

DOCUMENT-IDENTIFIER: US 6127805 A

TITLE: Battery charge level detecting device

DATE-ISSUED: October 3, 2000

INVENTOR-INFORMATION:

h e b b g e e f e c e f b e

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kikuchi; Yoshiaki	Toyota			JP
Sekimori; Toshiyuki	Toyota			JP
Asakawa; Fumihiko	Toyota			JP
Shoji; Yoshimi	Takahama			JP
Tojima; Kazuo	Toyota			JP
Uchida; Masatoshi	Toyota			JP
Ukita; Susumu	Nagoya			JP
Kuno; Hiromichi	Aichi-ken			JP

US-CL-CURRENT: 320/132; 320/149

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 13. Document ID: US 6104166 A

L10: Entry 13 of 35

File: USPT

Aug 15, 2000

US-PAT-NO: 6104166

DOCUMENT-IDENTIFIER: US 6104166 A

TITLE: Method and device for detecting a state of charge of a battery assembly, and battery assembly charge and discharge control device

DATE-ISSUED: August 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kikuchi; Yoshiaki	Toyota			JP
Sekimori; Toshiyuki	Toyota			JP
Asakawa; Fumihiko	Toyota			JP
Ukita; Susumu	Nagoya			JP
Shoji; Yoshimi	Takahama			JP
Nakanishi; Toshiaki	Toyohashi			JP
Kimura; Tadao	Kobe			JP
Katoh; Tomoya	Nagoya			JP

US-CL-CURRENT: 320/132; 320/130

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 14. Document ID: US 6075346 A

L10: Entry 14 of 35

File: USPT

Jun 13, 2000

US-PAT-NO: 6075346

DOCUMENT-IDENTIFIER: US 6075346 A

TITLE: Secondary battery charge and discharge control device

h e b b g e e e f e c e f b e

DATE-ISSUED: June 13, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kikuchi; Yoshiaki	Toyota			JP
Asakawa; Fumihiko	Toyota			JP
Tojima; Kazuo	Toyota			JP
Ukita; Susumu	Nagoya			JP
Shoji; Yoshimi	Takahama			JP
Nakanishi; Toshiaki	Toyohashi			JP
Kimura; Tadao	Kobe			JP

US-CL-CURRENT: 320/150; 320/137

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 15. Document ID: US 6067960 A

L10: Entry 15 of 35

File: USPT

May 30, 2000

US-PAT-NO: 6067960

DOCUMENT-IDENTIFIER: US 6067960 A

TITLE: Method and device for controlling the volume of intake air for an engine

DATE-ISSUED: May 30, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watanabe; Shinji	Tokyo			JP
Tubakiji; Tadashi	Tokyo			JP

US-CL-CURRENT: 123/399; 318/139, 318/254

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 16. Document ID: US 6065494 A

L10: Entry 16 of 35

File: USPT

May 23, 2000

US-PAT-NO: 6065494

DOCUMENT-IDENTIFIER: US 6065494 A

TITLE: Hydraulic function-performing unit

DATE-ISSUED: May 23, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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h e b b g e e e f e c ef b e

Thomsen; Svend Erik	Racine	WI	
Nielsen; Finn Visgaard	S.o slashed.nderborg		DK
Ennemark; Poul	S.o slashed.nderborg		DK

US-CL-CURRENT: 137/552; 137/269, 137/487.5, 137/554, 137/557, 137/884

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 17. Document ID: US 6034510 A

L10: Entry 17 of 35

File: USPT

Mar 7, 2000

US-PAT-NO: 6034510

DOCUMENT-IDENTIFIER: US 6034510 A

**** See image for Certificate of Correction ****

TITLE: Secondary battery charge control device and method of using the same

DATE-ISSUED: March 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kikuchi; Yoshiaki	Toyota			JP
Asakawa; Fumihiko	Toyota			JP
Nakanishi; Toshiaki	Toyohashi			JP
Kimura; Tadao	Kobe			JP

US-CL-CURRENT: 320/148; 320/151, 320/161

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 18. Document ID: US 6002979 A

L10: Entry 18 of 35

File: USPT

Dec 14, 1999

US-PAT-NO: 6002979

DOCUMENT-IDENTIFIER: US 6002979 A

TITLE: Traction control system for automotive vehicles

DATE-ISSUED: December 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishizu; Takeshi	Kanagawa			JP

US-CL-CURRENT: 701/86; 180/197, 701/70, 701/84

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 19. Document ID: US 6000375 A

L10: Entry 19 of 35

File: USPT

Dec 14, 1999

US-PAT-NO: 6000375

DOCUMENT-IDENTIFIER: US 6000375 A

TITLE: Valve timing control for internal combustion engine with valve timing-responsive throttle control function

DATE-ISSUED: December 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Isobe; Daiji	Toyohashi			JP

US-CL-CURRENT: 123/322; 123/399, 123/90.15

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWOC	Drawn De
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☐ 20. Document ID: US 5991682 A

L10: Entry 20 of 35

File: USPT

Nov 23, 1999

US-PAT-NO: 5991682

DOCUMENT-IDENTIFIER: US 5991682 A

TITLE: Apparatus and method for controlling driving force derived from internal combustion engine to road wheel of automotive vehicle

DATE-ISSUED: November 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishizu; Takeshi	Zama			JP

US-CL-CURRENT: 701/84; 477/34, 477/48, 701/85, 701/86, 701/87, 701/90

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWOC	Drawn De
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☐ 21. Document ID: US 5807209 A

L10: Entry 21 of 35

File: USPT

Sep 15, 1998

US-PAT-NO: 5807209

DOCUMENT-IDENTIFIER: US 5807209 A

TITLE: Vehicle lock-up clutch slip control apparatus wherein slip control during vehicle deceleration is terminated if slip amount of the clutch is larger than a

threshold

DATE-ISSUED: September 15, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matsubara; Tooru	Toyota			JP
Iwatsuki; Kunihiro	Toyota			JP
Higashiyama; Yasuhiko	Nagoya			JP

US-CL-CURRENT: 477/176; 477/169, 477/62

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 22. Document ID: US 5807204 A

L10: Entry 22 of 35

File: USPT

Sep 15, 1998

US-PAT-NO: 5807204

DOCUMENT-IDENTIFIER: US 5807204 A

TITLE: Vehicle lock-up clutch control apparatus wherein full or partial engagement of clutch is inhibited during vehicle running on uphill road

DATE-ISSUED: September 15, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shiiba; Kazuyuki	Toyota			JP
Matsubara; Tooru	Toyota			JP
Harada; Yoshiharu	Toyota			JP
Iwatsuki; Kunihiro	Toyota			JP

US-CL-CURRENT: 477/176; 477/169, 477/901

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 23. Document ID: US 5772554 A

L10: Entry 23 of 35

File: USPT

Jun 30, 1998

US-PAT-NO: 5772554

DOCUMENT-IDENTIFIER: US 5772554 A

TITLE: Apparatus for controlling vehicle engine-braking force upon shift-down action of automatic transmission

DATE-ISSUED: June 30, 1998

INVENTOR-INFORMATION:

h e b b g e e e f e c ef b e

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tabata; Atsushi	Okazuki			JP

US-CL-CURRENT: 477/109; 477/118

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 24. Document ID: US 5771476 A

L10: Entry 24 of 35

File: USPT

Jun 23, 1998

US-PAT-NO: 5771476

DOCUMENT-IDENTIFIER: US 5771476 A

**** See image for Certificate of Correction ****

TITLE: Power control system for a fuel cell powered vehicle

DATE-ISSUED: June 23, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mufford; W. Edward	Langley			CA
Strasky; Douglas G.	Vancouver			CA

US-CL-CURRENT: 701/22; 180/65.1, 180/65.3, 429/19, 429/21

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 25. Document ID: US 5733223 A

L10: Entry 25 of 35

File: USPT

Mar 31, 1998

US-PAT-NO: 5733223

DOCUMENT-IDENTIFIER: US 5733223 A

TITLE: Lock-up clutch slip control during vehicle deceleration which is terminated at different transmission input speeds depending upon vehicle running condition

DATE-ISSUED: March 31, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matsubara; Tooru	Toyota			JP
Iwatsuki; Kunihiro	Toyota			JP

US-CL-CURRENT: 477/175; 477/169, 477/64

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 26. Document ID: US 5689170 A

L10: Entry 26 of 35

File: USPT

Nov 18, 1997

US-PAT-NO: 5689170

DOCUMENT-IDENTIFIER: US 5689170 A

TITLE: Fail-safe control apparatus for electric vehicle driving motor

DATE-ISSUED: November 18, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishikawa; Yasuki	Sagamihara			JP

US-CL-CURRENT: 318/811; 318/799

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNOC	Drawn De
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☐ 27. Document ID: US 5519992 A

L10: Entry 27 of 35

File: USPT

May 28, 1996

US-PAT-NO: 5519992

DOCUMENT-IDENTIFIER: US 5519992 A

TITLE: Exhaust gas purification system for internal combustion engine, and apparatus and method for controlling the same

DATE-ISSUED: May 28, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hosoya; Yasuhiko	Himeji			JP
Ohuchi; Hirofumi	Himeji			JP
Takahashi; Tatsuhiko	Himeji			JP

US-CL-CURRENT: 60/276; 60/277, 60/284, 60/289

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNOC	Drawn De
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☐ 28. Document ID: US 5456604 A

L10: Entry 28 of 35

File: USPT

Oct 10, 1995

US-PAT-NO: 5456604

DOCUMENT-IDENTIFIER: US 5456604 A

TITLE: Method and system for simulating vehicle operation using scale models

DATE-ISSUED: October 10, 1995

h e b b g e e f e c e f b e

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Olmsted; Robert A.	Minnetonka	MN	55305	
Rice; Jonathan C.	St. Paul	MN	55105	

US-CL-CURRENT: 434/62; 434/29, 434/365, 703/2, 703/8

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Drawn De
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☐ 29. Document ID: US 5121596 A

L10: Entry 29 of 35

File: USPT

Jun 16, 1992

US-PAT-NO: 5121596

DOCUMENT-IDENTIFIER: US 5121596 A

TITLE: Method of starting gas turbine

DATE-ISSUED: June 16, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takehara; Isao	Hitachi			JP
Urushidani; Haruo	Hitachi			JP
Sasada; Tetsuo	Hitachi			JP
Toriya; Hajime	Hitachi			JP

US-CL-CURRENT: 60/775; 60/39.55, 60/786

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Drawn De
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☐ 30. Document ID: US 4933857 A

L10: Entry 30 of 35

File: USPT

Jun 12, 1990

US-PAT-NO: 4933857

DOCUMENT-IDENTIFIER: US 4933857 A

TITLE: Traction control apparatus for vehicle engine

DATE-ISSUED: June 12, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hashiguchi; Masayuki	Oobu			JP
Yamada; Kiichi	Nagoya			JP
Nishikawa; Susumu	Okazaki			JP
Ikeda; Shuji	Okazaki			JP
Shimada; Makoto	Kyoto			JP

Dogahara; Takashi Farmington Hills MI

US-CL-CURRENT: 701/86; 180/197, 303/141, 701/70, 701/85

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 31. Document ID: US 4622637 A

L10: Entry 31 of 35

File: USPT

Nov 11, 1986

US-PAT-NO: 4622637

DOCUMENT-IDENTIFIER: US 4622637 A

TITLE: Optimum shift timing indicating device for a vehicle

DATE-ISSUED: November 11, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tomita; Kazuo	Gotenba			JP
Igarashi; Kouhei	Susono			JP

US-CL-CURRENT: 701/64; 340/439, 434/71, 701/123, 701/56

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 32. Document ID: US 4473056 A

L10: Entry 32 of 35

File: USPT

Sep 25, 1984

US-PAT-NO: 4473056

DOCUMENT-IDENTIFIER: US 4473056 A

TITLE: Exhaust gas recirculation valve and method of controlling the valve

DATE-ISSUED: September 25, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishida; Takashi	Ohi			JP
Tominari; Noboru	Tokyo			JP

US-CL-CURRENT: 123/568.23; 251/129.11, 701/108

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 33. Document ID: US 4424785 A

L10: Entry 33 of 35

File: USPT

Jan 10, 1984

h e b b g e e e f e c ef b e

US-PAT-NO: 4424785
DOCUMENT-IDENTIFIER: US 4424785 A

TITLE: Fuel feed system for an internal combustion engine

DATE-ISSUED: January 10, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishida; Takashi	Ohi			JP
Tominari; Noboru	Tokyo			JP

US-CL-CURRENT: 123/479; 123/399, 123/400, 123/478

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KUMC	Draw. De
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☐ 34. Document ID: US 4373498 A

L10: Entry 34 of 35

File: USPT

Feb 15, 1983

US-PAT-NO: 4373498
DOCUMENT-IDENTIFIER: US 4373498 A

TITLE: Exhaust gas recirculation system for internal combustion engine

DATE-ISSUED: February 15, 1983

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ushimura; Shoji	Yokosuka			JP

US-CL-CURRENT: 123/568.21

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KUMC	Draw. De
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☐ 35. Document ID: US 4090118 A

L10: Entry 35 of 35

File: USPT

May 16, 1978

US-PAT-NO: 4090118
DOCUMENT-IDENTIFIER: US 4090118 A

TITLE: Workpiece shear control

DATE-ISSUED: May 16, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Smith, Jr.; Andrew W.	Mt. Lebanon	PA		

US-CL-CURRENT: 318/567; 83/295

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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L9 same control\$	35

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☐ 1. Document ID: US 5109306 A

L13: Entry 1 of 2

File: USPT

Apr 28, 1992

US-PAT-NO: 5109306

DOCUMENT-IDENTIFIER: US 5109306 A

**** See image for Certificate of Correction ****

TITLE: Track access control system for magnetic disk system with periodic track offset update

DATE-ISSUED: April 28, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mase; Hiroyuki	Kawasaki			JP
Masuda; Takeo	Yokohama			JP

US-CL-CURRENT: 360/77.04; 360/77.07

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw. De
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☐ 2. Document ID: US 4678315 A

L13: Entry 2 of 2

File: USPT

Jul 7, 1987

US-PAT-NO: 4678315

DOCUMENT-IDENTIFIER: US 4678315 A

TITLE: Image forming apparatus

DATE-ISSUED: July 7, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watanabe; Junji	Yokohama			JP

US-CL-CURRENT: 399/183; 355/71, 399/191

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw. De
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Terms	Documents
L12 same motor	2

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